

**PRODUCTION OF LINEAR LOW-DENSITY POLYETHYLENE**

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**Inventor:** IWANAGA SEIJI; TAMURA MITSUHISA; SHIRAISHI HIROYUKI; IMAI AKIO  
**Applicant:** SUMITOMO CHEMICAL CO  
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**Abstract of JP8333407**

**PURPOSE:** To provide a PE production process which is very advantageous in equipment cost and operating cost. **CONSTITUTION:** This production process is one for producing a linear low-density polyethylene comprising an ethylene/hexene-1 copolymer, wherein ethylene is trimerized into hexene-1 in the presence of a solvent, a trimerization catalyst containing chromium and a solid polymerization catalyst containing magnesium and a halogen in a reactor, and the hexene-1 is polymerized with ethylene to form an ethylene/hexene-1 copolymer.

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